

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016774.D
 Acq On : 16 Jun 2020 13:14
 Operator : JC/SP
 Sample : L3000-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jun 17 03:55:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	242914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	384236	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	392328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200657	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	139038	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
35) Dibromofluoromethane	5.46	113	116208	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
50) Toluene-d8	8.70	98	470475	53.82	ug/l	0.00
Spiked Amount			Recovery	=	107.64%	
62) 4-Bromofluorobenzene	11.12	95	193662	57.92	ug/l	0.00
Spiked Amount			Recovery	=	115.84%	

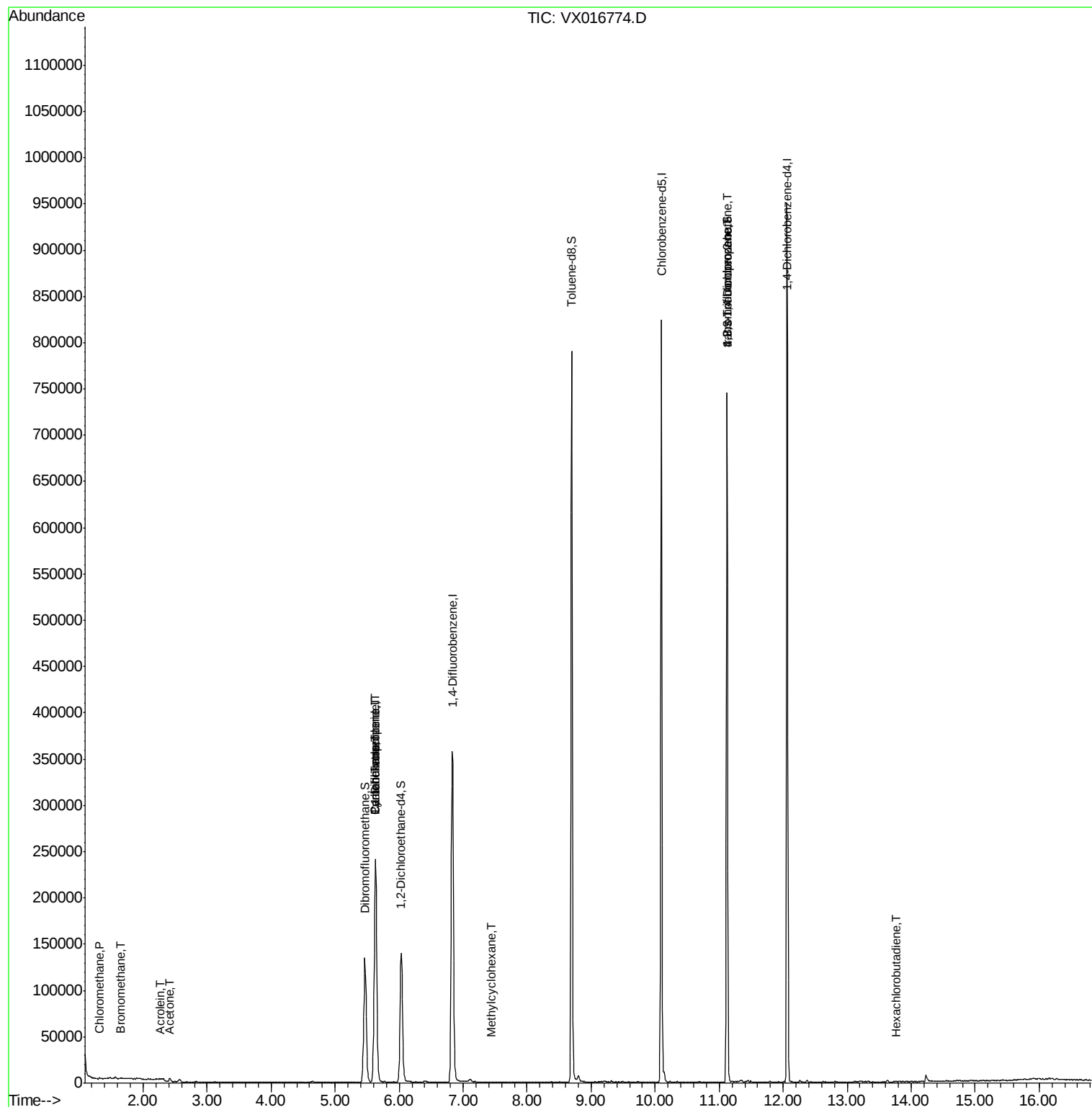
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	933	0.352	ug/l #	75
5) Bromomethane	1.64	94	444	0.253	ug/l #	21
13) Acrolein	2.26	56	397	3.652	ug/l	92
16) Acetone	2.42	43	3610	2.913	ug/l	93
31) Cyclohexane	5.63	56	4118	1.851	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	16222	4.777	ug/l #	49
38) Carbon Tetrachloride	5.63	117	22684	5.882	ug/l #	16
39) Methylcyclohexane	7.44	83	102	0.978	ug/l #	19
76) 1,2,3-Trichloropropane	11.12	75	90888	21.539	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	90888	54.223	ug/l #	13
94) Hexachlorobutadiene	13.76	225	263	0.548	ug/l	93

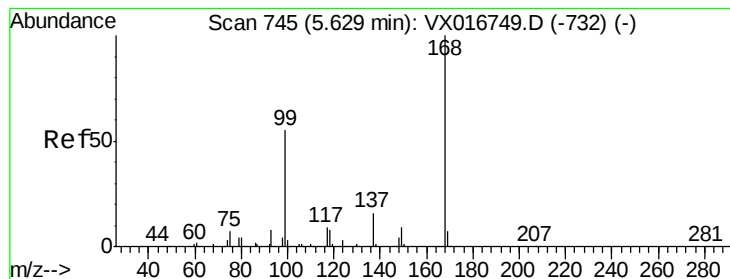
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061620\
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Quant Time: Jun 17 03:55:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

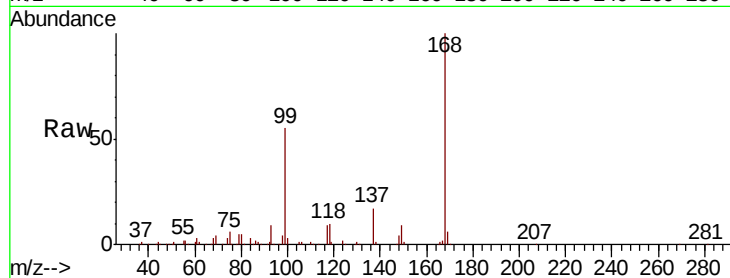
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 242914

Ion Ratio Lower Upper

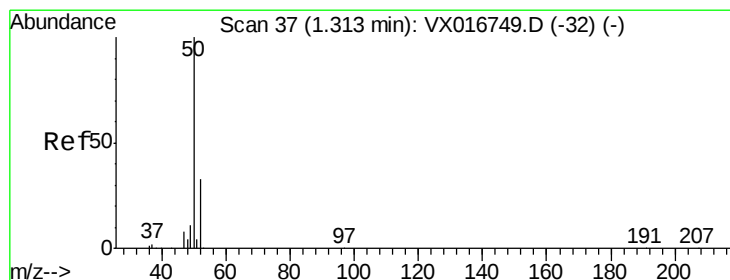
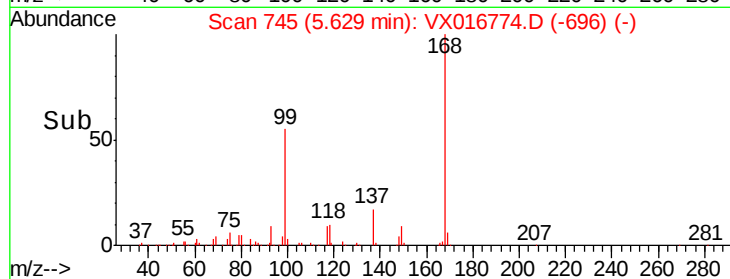
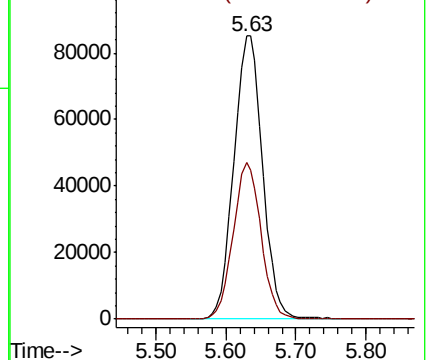
168 100

99 55.2 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.352 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016774.D

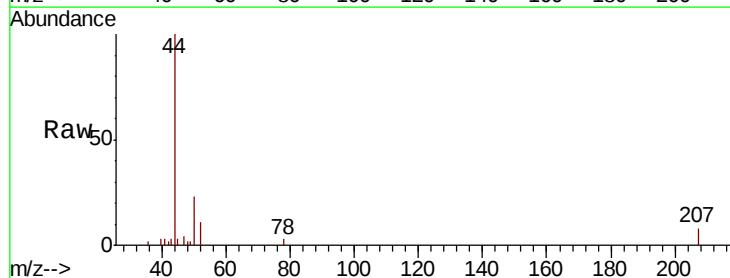
Acq: 16 Jun 2020 13:14

Tgt Ion: 50 Resp: 933

Ion Ratio Lower Upper

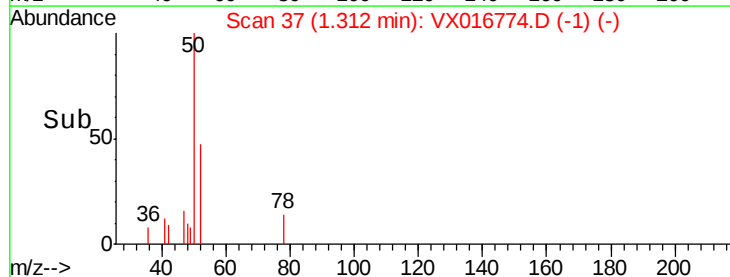
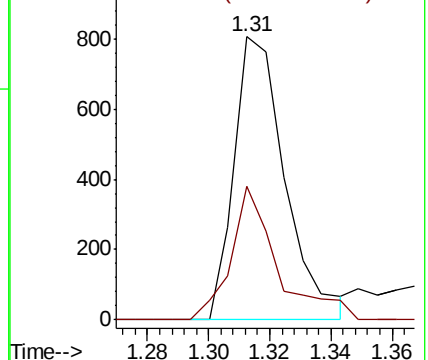
50 100

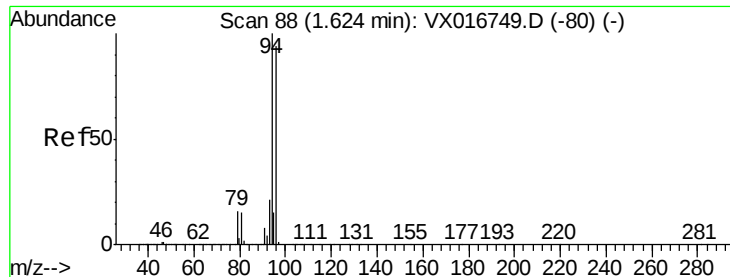
52 47.1 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.253 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

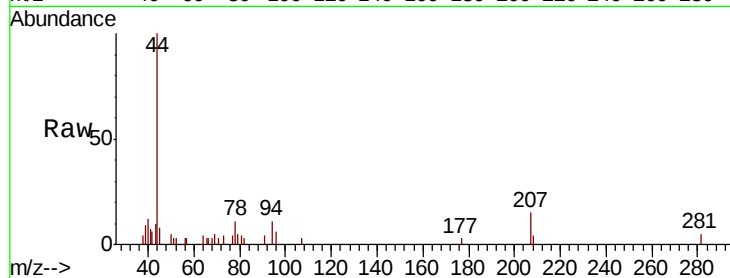
STORAGE-BLANK-WATER-REF-4

Tot Ion: 94 Resp: 444

Ion Ratio Lower Upper

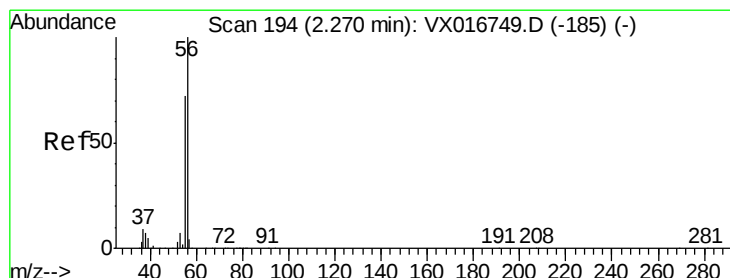
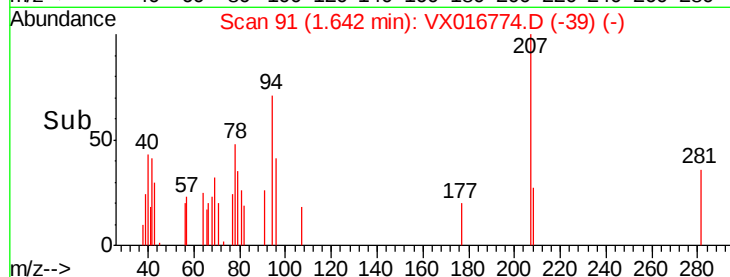
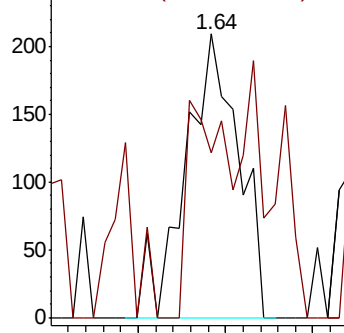
94 100

96 18.2 75.4 113.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#13

Acrolein

Concen: 3.652 ug/l

RT: 2.26 min Scan# 193

Delta R.T. -0.01 min

Lab File: VX016774.D

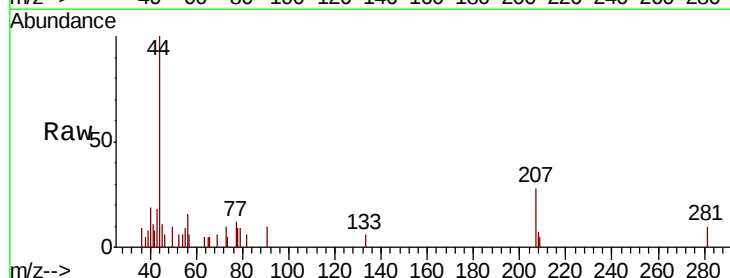
Acq: 16 Jun 2020 13:14

Tgt Ion: 56 Resp: 397

Ion Ratio Lower Upper

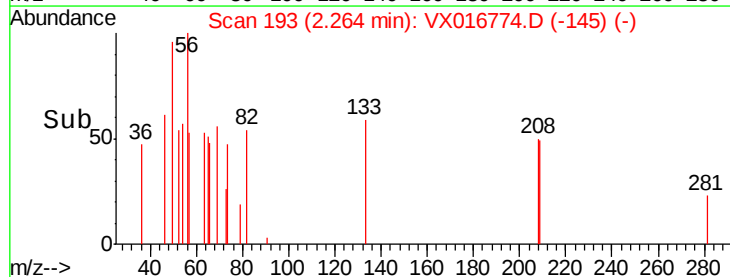
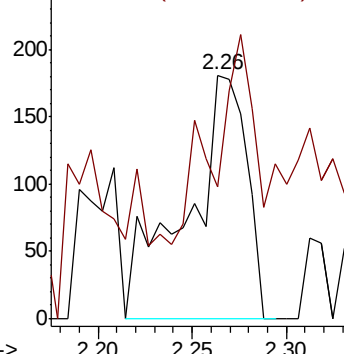
56 100

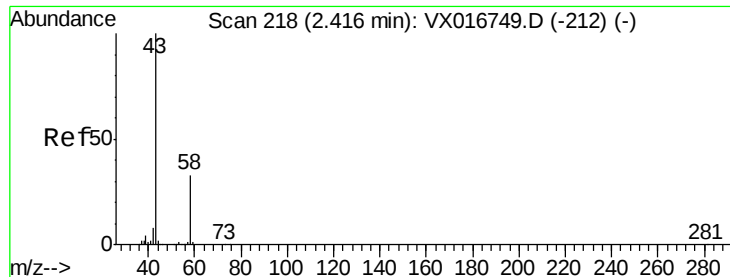
55 66.2 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 2.913 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

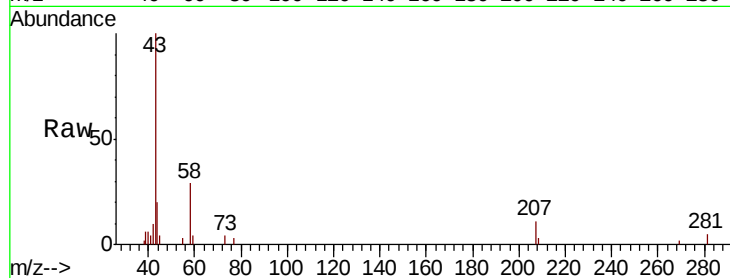
STORAGE-BLANK-WATER-REF-4

Tot Ion: 43 Resp: 3610

Ion Ratio Lower Upper

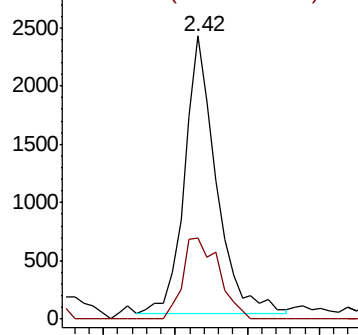
43 100

58 29.2 26.3 39.5

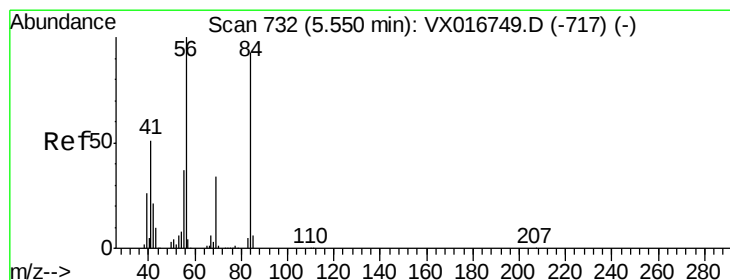
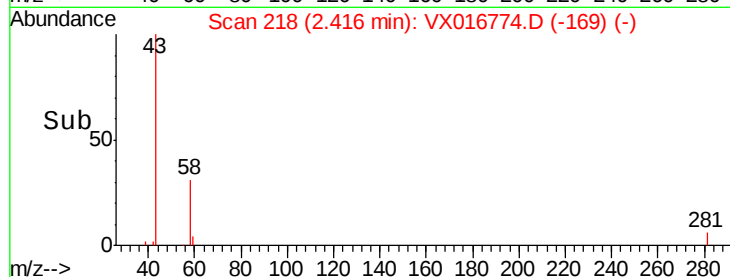


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#31

Cyclohexane

Concen: 1.851 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.08 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

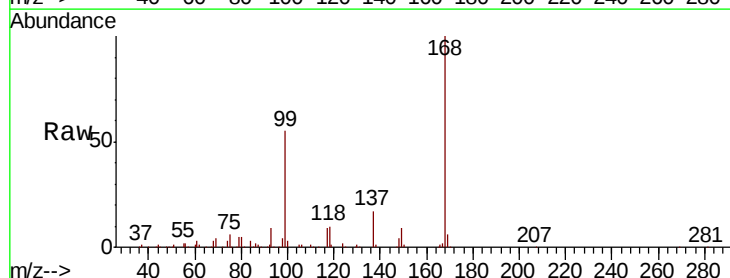
Tgt Ion: 56 Resp: 4118

Ion Ratio Lower Upper

56 100

69 209.1 27.1 40.7#

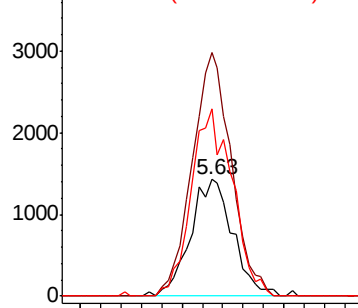
84 161.2 74.0 111.0#



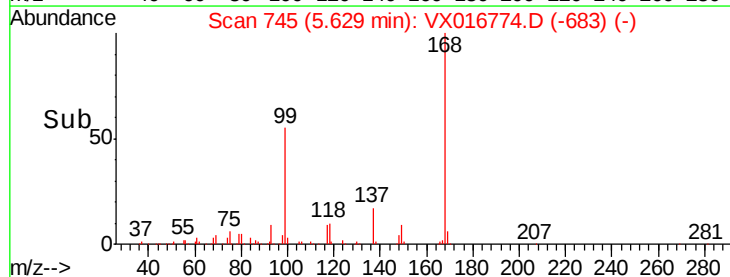
Abundance Ion 56.00 (55.70 to 56.70): VX0

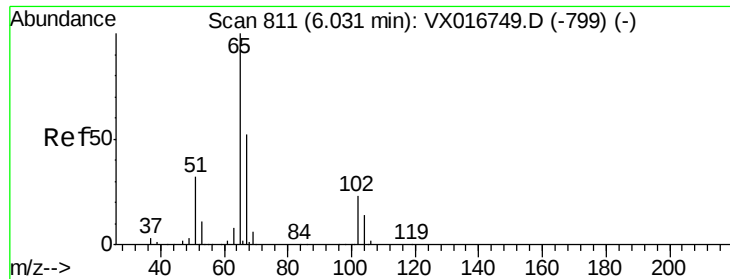
Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.888 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

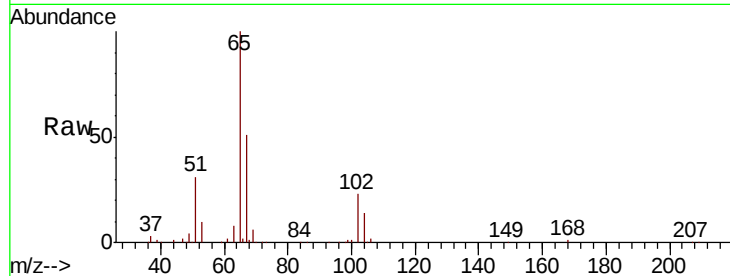
STORAGE-BLANK-WATER-REF-4

Tot Ion: 65 Resp: 139038

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

50000

40000

30000

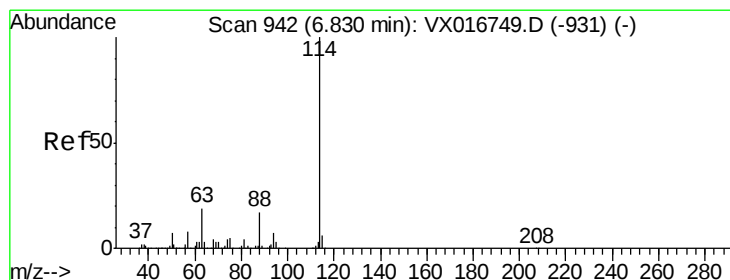
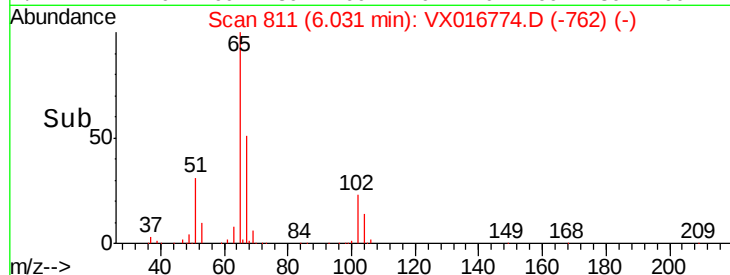
20000

10000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

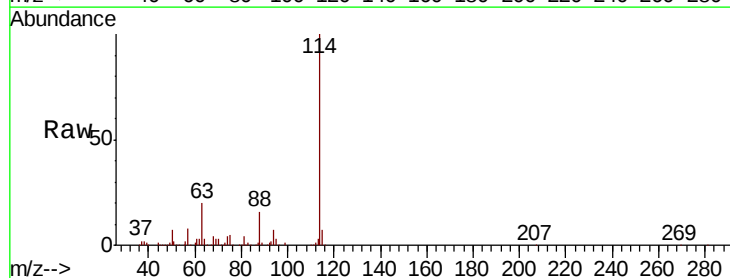
Tgt Ion: 114 Resp: 384236

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

88 16.2 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

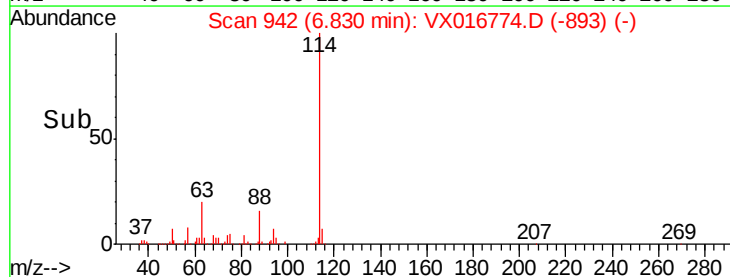
100000

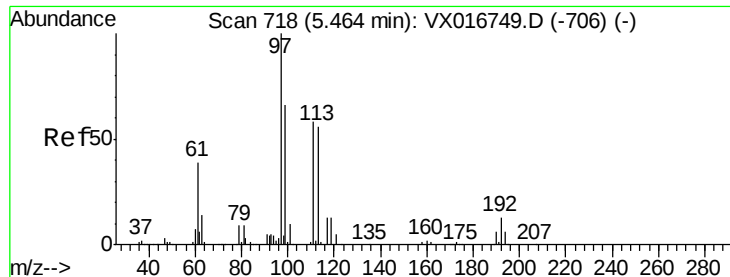
50000

0

6.70 6.80 6.90 7.00

Time-->

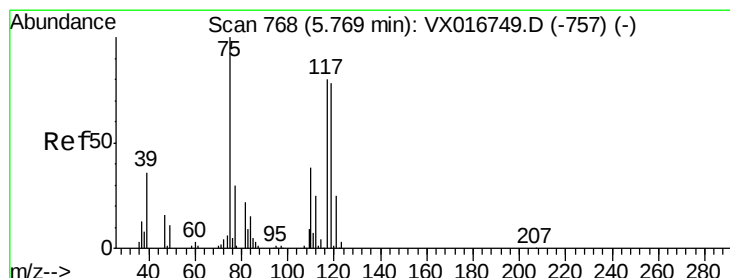
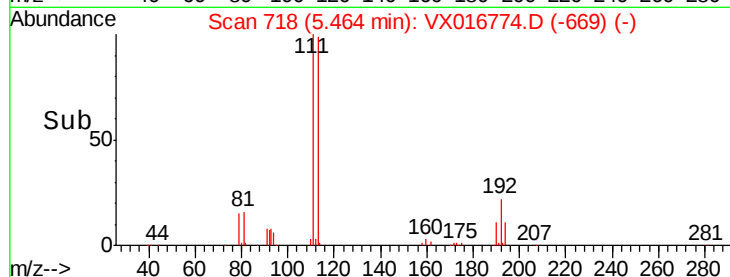
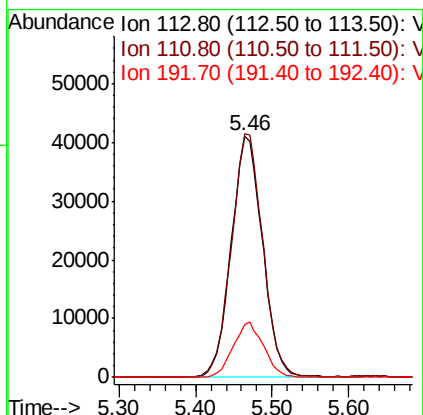
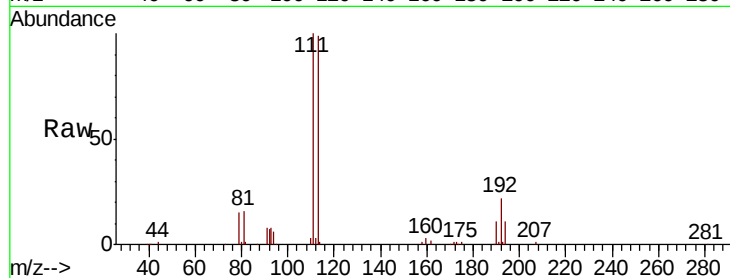




#35
 Dibromofluoromethane
 Concen: 49.019 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016774.D
 Acq: 16 Jun 2020 13:14

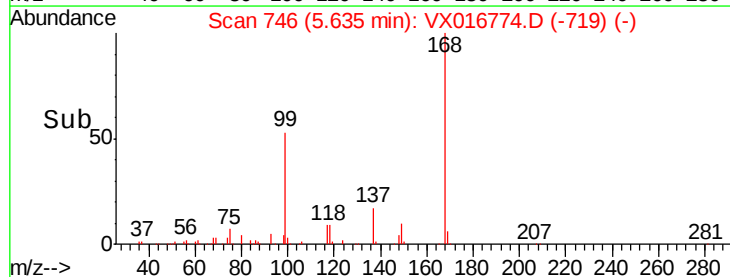
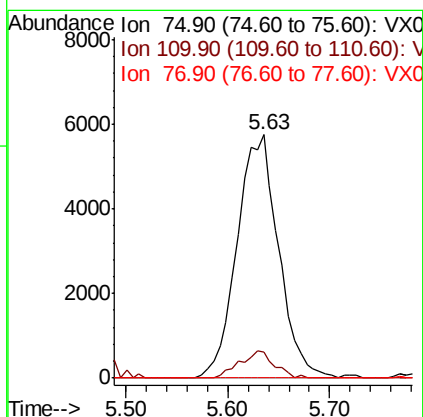
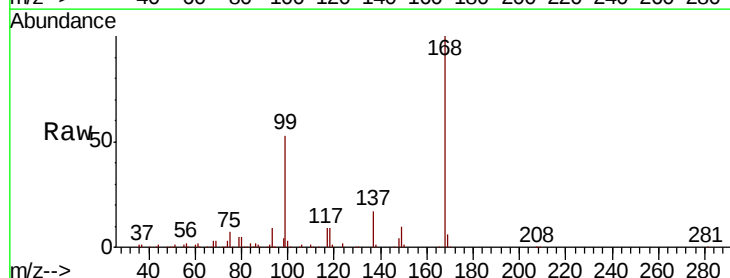
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

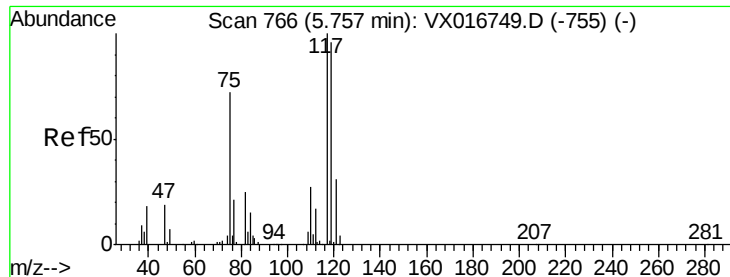
Tot Ion:113 Resp: 116208
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.8 122.6
 192 22.3 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 4.777 ug/l
 RT: 5.63 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX016774.D
 Acq: 16 Jun 2020 13:14

Tgt Ion: 75 Resp: 16222
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.4 55.2#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.882 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

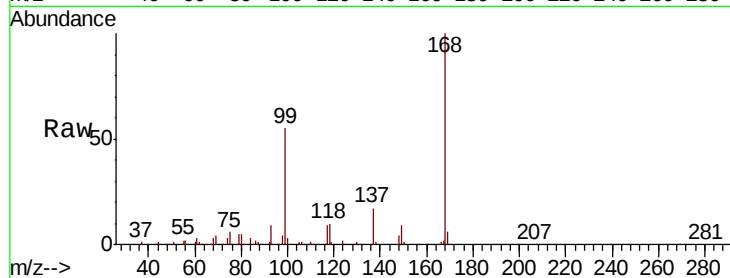
Tot Ion:117 Resp: 22684

Ion Ratio Lower Upper

117 100

119 5.7 76.7 115.1#

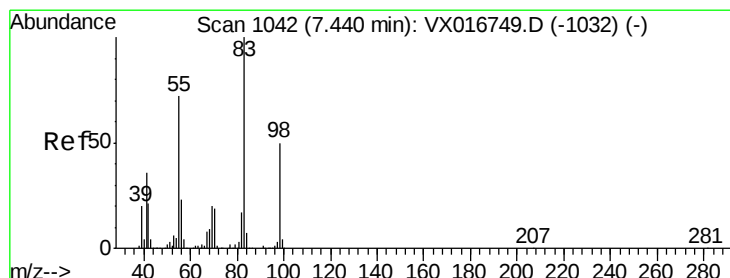
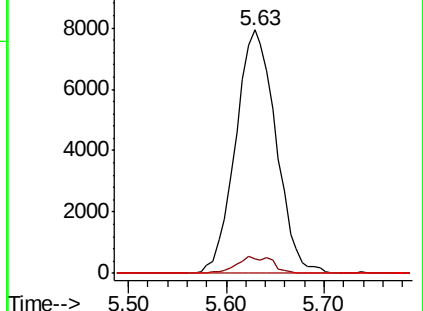
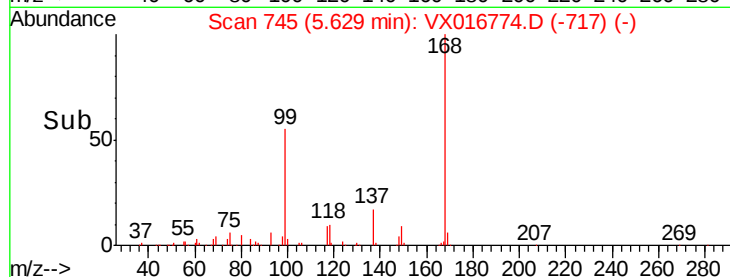
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.978 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

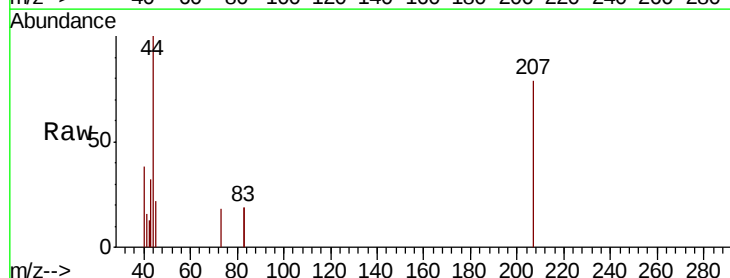
Tgt Ion: 83 Resp: 102

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

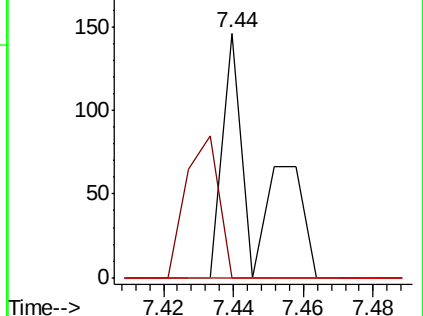
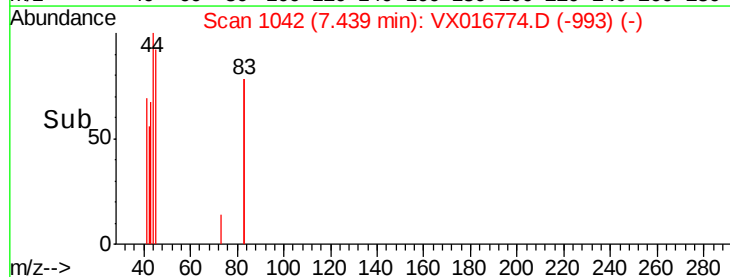
98 0.0 40.3 60.5#

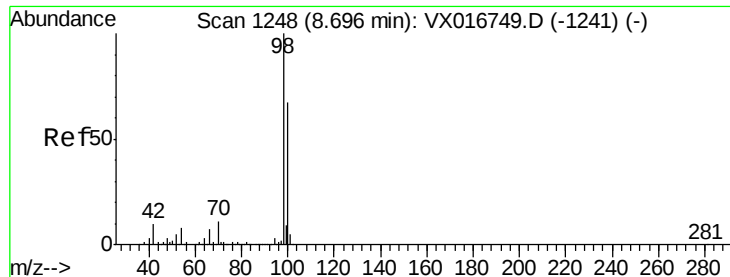


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 53.822 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

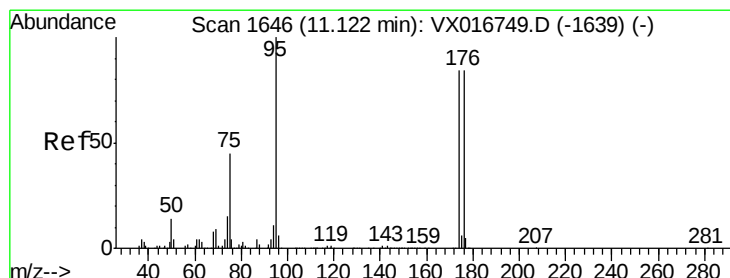
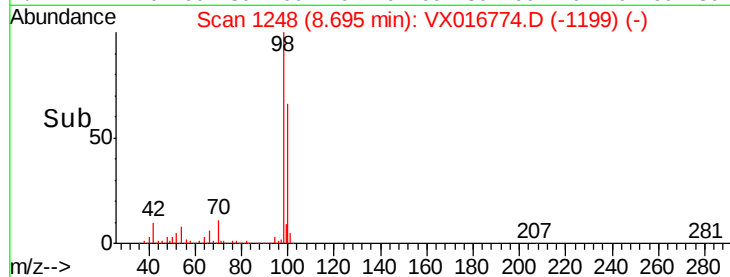
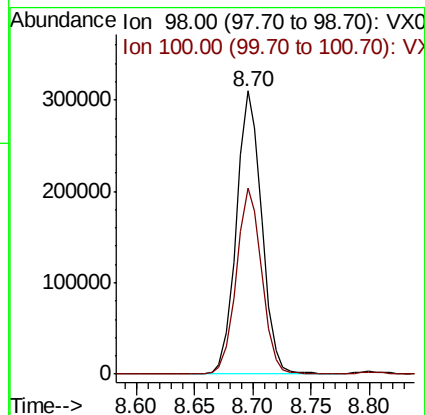
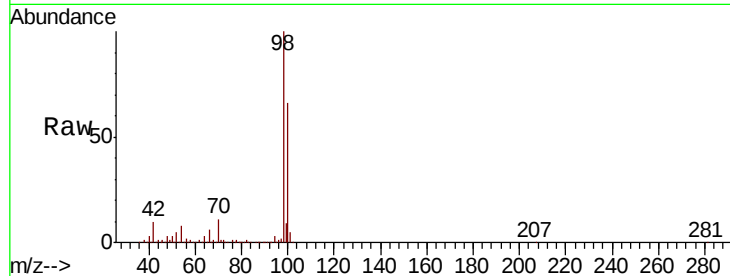
STORAGE-BLANK-WATER-REF-4

Tot Ion: 98 Resp: 470475

Ion Ratio Lower Upper

98 100

100 65.7 53.9 80.9



#62

4-Bromofluorobenzene

Concen: 57.921 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

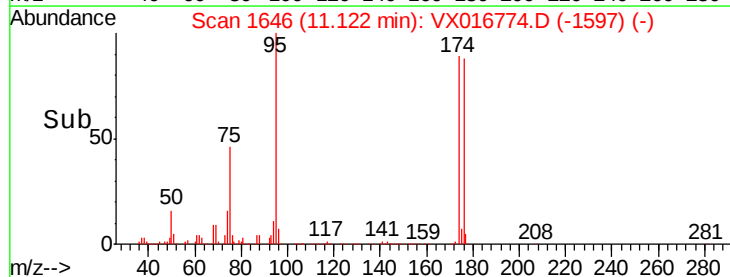
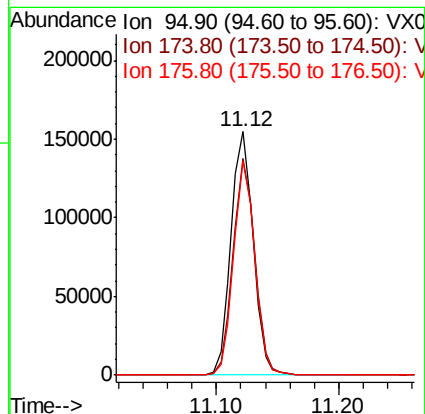
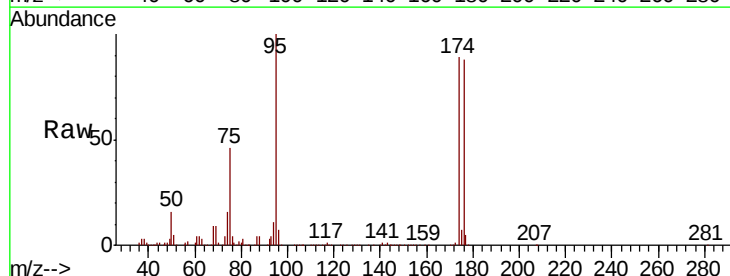
Tgt Ion: 95 Resp: 193662

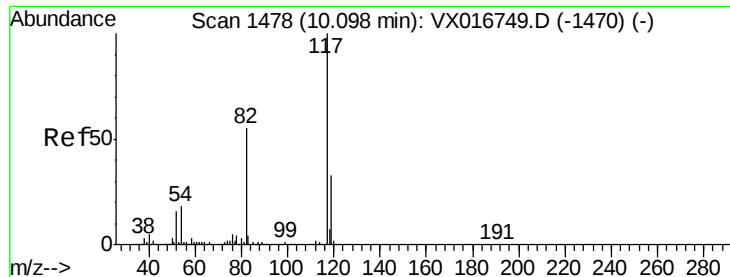
Ion Ratio Lower Upper

95 100

174 87.0 0.0 171.0

176 83.8 0.0 166.2

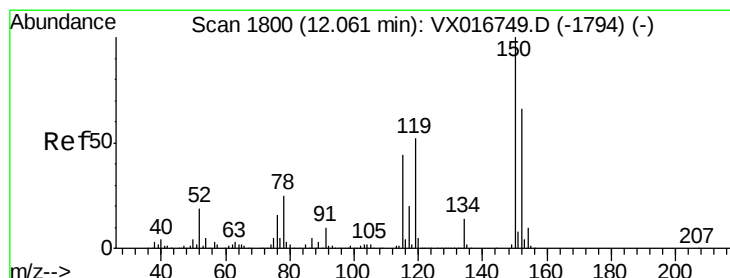
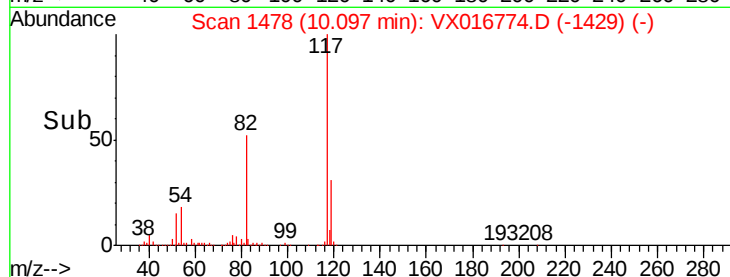
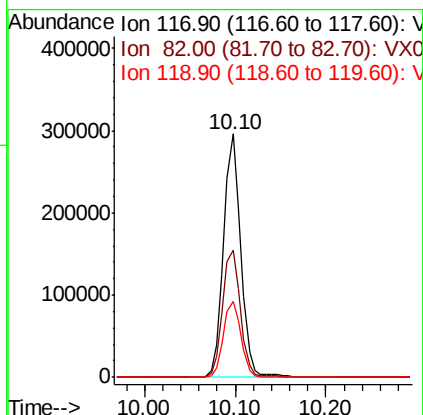
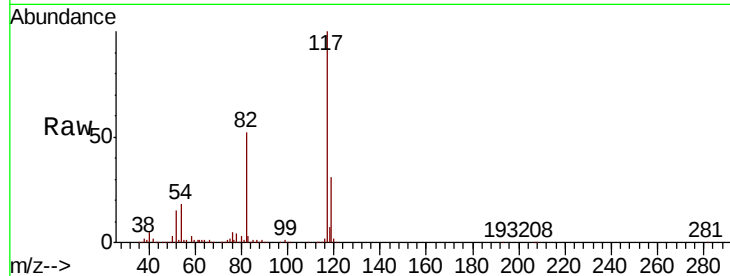




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016774.D
Acq: 16 Jun 2020 13:14

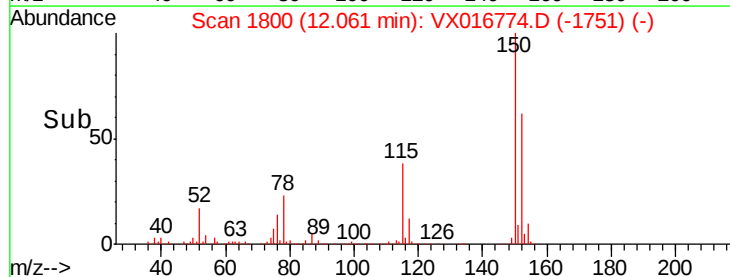
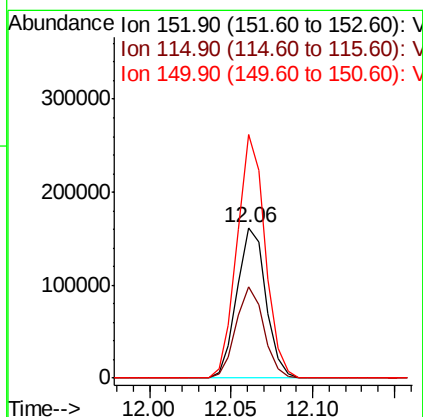
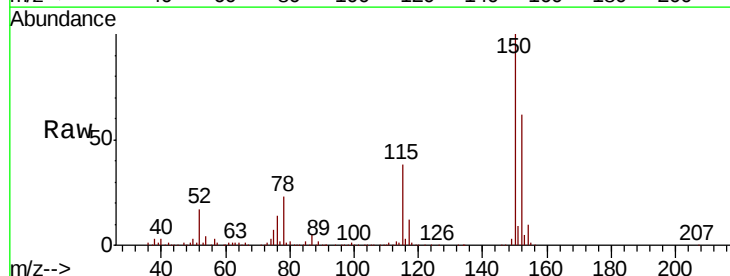
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

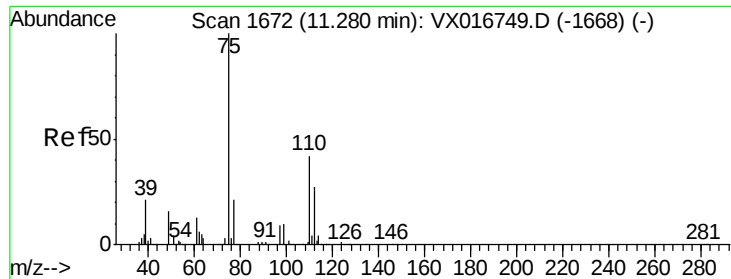
Tot Ion:117 Resp: 392328
Ion Ratio Lower Upper
117 100
82 52.3 43.8 65.6
119 31.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016774.D
Acq: 16 Jun 2020 13:14

Tgt Ion:152 Resp: 200657
Ion Ratio Lower Upper
152 100
115 58.6 40.3 120.8
150 156.9 0.0 337.4





#76

1,2,3-Trichloropropane

Concen: 21.539 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

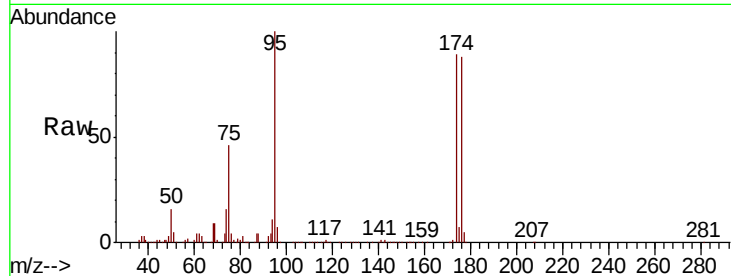
STORAGE-BLANK-WATER-REF-4

Tot Ion: 75 Resp: 90888

Ion Ratio Lower Upper

75 100

77 1.4 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

80000

60000

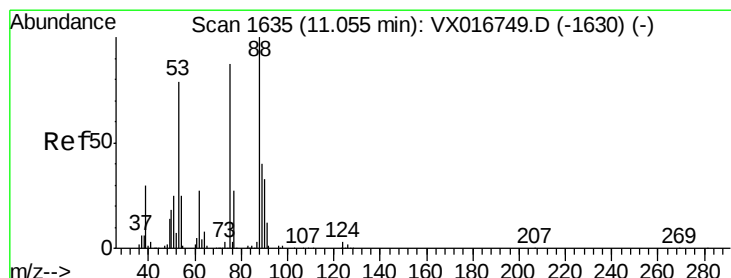
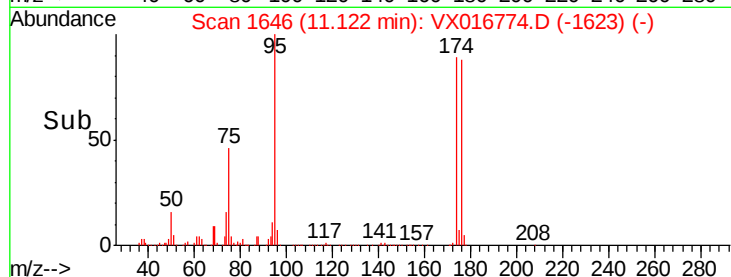
40000

20000

0

11.10 11.12 11.20

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 54.223 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX016774.D

Acq: 16 Jun 2020 13:14

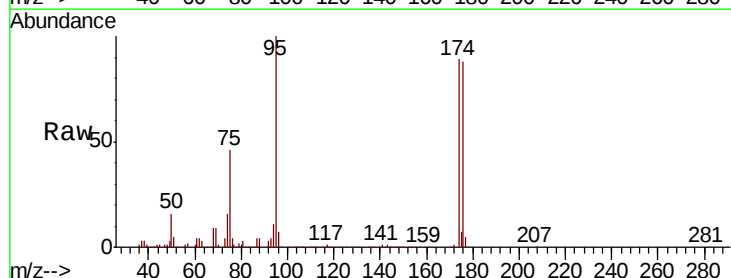
Tgt Ion: 75 Resp: 90888

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.0#

89 0.0 39.1 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

80000

60000

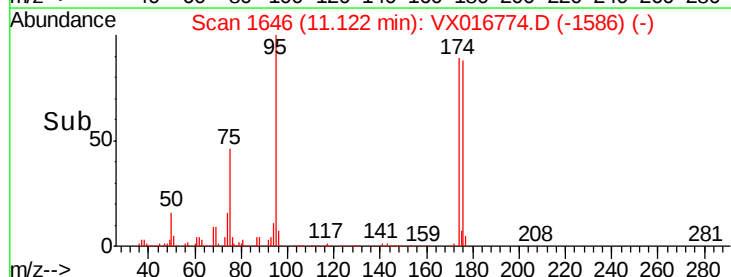
40000

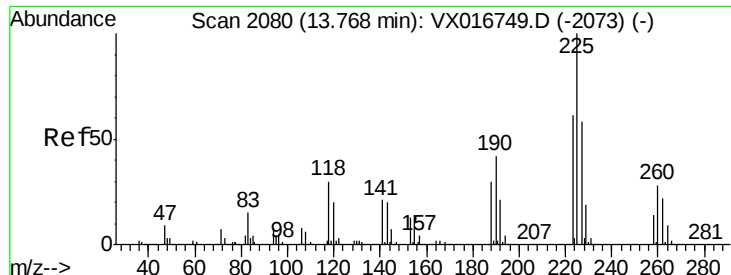
20000

0

11.10 11.12 11.20

Time-->





#94
 Hexachlorobutadiene
 Concen: 0.548 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016774.D
 Acq: 16 Jun 2020 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tot Ion	Ratio	Lower	Upper
225	100		
223	60.1	31.1	93.5
227	52.9	30.9	92.7

